

Attorney Docket No. P11119-US1
Customer Number 27045

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently Amended) A method of negotiating operating capabilities in a telecommunications system including at least one mobile station, the method comprising:

receiving a first list of operating capabilities of a first mobile station at a first node upstream of and associated with the first mobile station wherein the list includes codecs supported by the first mobile station and is received prior to setting up a call with the first mobile station[.];

storing the operating capabilities of the first mobile station at the first node[.];

receiving a second list of operating capabilities of a second mobile station at a second node upstream of and associated with the second mobile station wherein the list includes codecs supported by the second mobile station and is received prior to setting up the call with the second mobile station[.];

storing the operating capabilities of the second mobile station at the second node[.]; and

selecting agreed upon operating capabilities by comparing the second list to the first list, thereby negotiating the ~~such that the negotiation of agreed upon~~ operating capabilities ~~take place~~ between the first node and the second node.

2. (Currently Amended) The method as ~~described~~ claimed in claim 1, wherein the step of receiving the first list of operating capabilities includes[.]: receiving the first list of operating capabilities from the first mobile station via a location update message.

3-6. (Canceled)

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7. (Currently Amended) The method as claimed in claim 1, ~~further comprising:~~ wherein the step of selecting agreed upon operating capabilities includes selecting the agreed-upon operating capabilities based on operating capabilities that are in common on both lists.

8. (Canceled)

9. (Currently Amended) ~~The method as claimed in claim 1, wherein the operating capabilities include security algorithms~~ A method of negotiating operating capabilities in a telecommunications system including at least one mobile station, the method comprising:

receiving a first list of operating capabilities of a first mobile station at a first node upstream of and associated with the first mobile station wherein the list includes security algorithms supported by the first mobile station and is received prior to setting up a call with the first mobile station;

storing the operating capabilities of the first mobile station at the first node;

receiving a second list of operating capabilities of a second mobile station at a second node upstream of and associated with the second mobile station wherein the list includes security algorithms supported by the second mobile station and is received prior to setting up the call with the second mobile station;

storing the operating capabilities of the second mobile station at the second node; and

selecting agreed upon operating capabilities by comparing the second list to the first list, thereby negotiating the operating capabilities between the first node and the second node.

10. (Canceled).

11. (Currently Amended) The method as claimed in claim 1, wherein the first ~~and second node is any one of~~ nodes are selected from a group consisting of:

a MSC, a Mobile Switching Center (MSC);

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a VLR, a Visitor Location Register (VLR);
a HLR or a Home Location Register (HLR); and
a GMSC a Gateway Mobile Switching Center (GMSC).

12-36. (Canceled)

37. (Currently Amended) A method in a first switch node for communicating device operating capabilities between a first mobile station and a second mobile station, wherein the first mobile station is served by ~~[[a]]~~ the first switch node, wherein the first switch node is associated with a storage means, the method comprising:

receiving data indicating the device operating capabilities associated with the first mobile station, wherein the data includes codecs supported by the first mobile station and is communicated without establishing a call connection between the first mobile station and the first switch node;

storing the communicated data within the storage means;

receiving a call setup message from the first mobile station to establish an outgoing call connection towards the second mobile station;

retrieving the stored data within the storage means; and

sending an outgoing call setup message to a second switch node serving the second mobile station, wherein including the retrieved data are included within the outgoing call setup message to allow the data to be reviewed by ~~[[a]]~~ the second switch node ~~serving the second mobile station~~ for device compatibility with the second mobile station so that negotiation of operating capabilities takes place between the first switch node and the second switch node.

38. (Previously Presented) The method of claim 37 wherein the storing is performed by a Visitor Location Register (VLR).

39. (Previously Presented) The method of claim 37 wherein the reviewing by the second switch is performed by a Gateway Mobile Switching Center (GMSC) serving the second mobile station.

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40. (Previously Presented) The method of claim 37 wherein the reviewing by the second switch is performed by a Mobile Switching Center (MSC) serving the second mobile station.

41. (Currently Amended) The method of claim 37 wherein the communicating step of receiving data indicating the device operating capabilities of the first mobile station includes receiving the data from ~~is performed by~~ the first mobile station during a location update procedure.

42. (Previously Presented) The method of claim 37 wherein the outgoing call setup message is an Initial Address Message.

43. (Canceled)

44. (Currently Amended) A communications node, ~~the node~~ comprising:

[[a]] means for receiving data from a first mobile station, wherein the data indicates device operating capabilities associated with the first mobile station, wherein the data includes codecs supported by the first mobile station and is communicated without establishing a call connection between the first mobile station and ~~a first switch~~ the communications node;

[[a]] means for storing the communicated data;

[[a]] means for receiving a call setup message from the first mobile station to establish an outgoing call connection towards a second mobile station;

[[a]] means for retrieving the stored data; and

[[a]] means for including the retrieved data within an outgoing call setup message to allow the data to be reviewed by a ~~second switch node~~ serving the second mobile station for device compatibility with the second mobile station so that negotiation of operating capabilities take place between the ~~first switch~~ communications node and the ~~second switch node~~ serving the second mobile station.

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45. (Currently Amended) The ~~method~~ communications node of claim 44 wherein the means for storing is ~~performed by~~ a Visitor Location Register (VLR).

46. (Currently Amended) The ~~method~~ communications node of claim 44 wherein the ~~second~~ switch node serving the second mobile station is a Gateway Mobile Switching Center (GMSC) ~~serving the second mobile station~~.

47. (Currently Amended) The ~~method~~ communications node of claim 44 wherein the ~~second~~ switch node serving the second mobile station is a Mobile Switching Center (MSC) ~~serving the second mobile station~~.

48. (Currently Amended) The ~~method~~ communications node of claim 44 wherein the means for ~~communicating data is instructions for~~ receiving data from the first mobile station includes means for receiving the data during a location update procedure.

49. (Currently Amended) The ~~method~~ communications node of claim 44 wherein the outgoing call setup message is an Initial Address Message.

50. (Canceled)